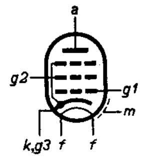
PHILIPS EL 33

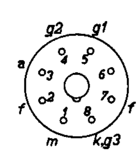
OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

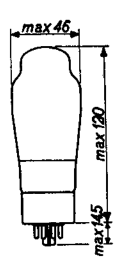
Heating: indirect by A.C. or D.C.; parallel supply
Chauffage: indirect par C.A. ou C.C.; alimentation en parallèle
Heizung: indirekt durch Wechsel- oder Gleichstrom; Parallelspeisung

V_f = 6,3 V
I_f = 0,9 A

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Base, culot, Sockel: Octal

Operating characteristics class A
Caractéristiques d'utilisation classe A
Betriebsdaten Klasse A

V_a	=	250 V
V_{g2}	=	250 V
V_{g1}	=	-6 V
I_a	=	36 mA
I_{g2}	=	4 mA
S	=	9 mA/V
R_i	=	50 kΩ
$R_{a\sim}$	=	7 kΩ
W_o (d_{tot}= 10%)	=	4,5 W
V_i (d_{tot}= 10%)	=	4,2 V_{eff}
V_i (W_o = 50mW)	=	0,35 V_{eff}
μ_{g2g1}	=	23

EL 33 PHILIPS

Operating characteristics classe AB
Caractéristiques d'utilisation classe AB
Betriebsdaten Klasse AB

V_a	=	250		V
V_{g2}	=	250		V
R_k	=	140		Ω
$R_{aa\sim}$	=	10		kΩ
V_i	=	0	6,7	V_{eff}
I_a	=	2x24	2x28,5	mA
I_{g2}	=	2x2,8	2x4,6	mA
W_o	=	0	8,2	W
d_{tot}	=	-	3,1	%

Limiting values
Caractéristiques limites
Grenzdaten

V_{a_o}	= max.	550	V
V_a	= max.	300	V
W_a	= max.	9	W
V_{g2_o}	= max.	550	V
V_{g2}	= max.	300	V
W_{g2} (V_i=0)	= max.	1,2	W
W_{g2} (W_o=max.)	= max.	2,5	W
I_k	= max.	55	mA
V_{g1}(I_{g1}=+0,3μA)	= max.	-1,3	V
R_{g1}	= max.	1	MΩ
V_{kf}	= max.	100	V
R_{kf}	= max.	5	kΩ



EL33

page	sheet	date
1	1	1953.10.10
2	2	1953.10.10
3	FP	1999.07.04